#### REMARKS /ARGUMENTS

## Whether the 103(a) rejection is valid?

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The Casa patent refers to "A method of playing a lottery game wherein a primary random selection from among a group of wagering lottery players is supplemented by a secondary random selection from among a group of potential secondary recipients." (See Abstract). In "field of invention" it says "This invention relates to the field of chance selection. More particularly, it relates to a method of conducting a lottery wagering game wherein a primary random selection of a winner or winners from a group of lottery players is supplemented by the random selection of a secondary prize recipient from a selected group." (underlined mine)

Lottery is also defined as "A lottery is a form of gambling wherein wagering players bet on their

being selected by chance to win a valuable prize." as in Col 1 line 15. At col 2, line 1-5 Casa

defines the issue of novelty for this invention being "With the above in mind, a novel lottery game

is needed which would emphasize and capitalize on a lottery's charitable purposes while more

directly benefiting the entities for whom, at least in part, the lottery is conducted."

An example is described as follows "With that in mind, one might begin to carry out the present invention by accepting a monetary wager from at least one lottery player. Typically, a portion of these wagers will be contributed to a lottery fund from which prizes may be awarded. Each wagering player would be secured a player series of indicia. In turn, each player series of indicia would be compared to a revealed winning series of player indicia to determine whether any wagering player is a winning player. This determination would be carried out by ascertaining whether there is a sufficient number of matches between the player series of indicia and the winning series of player indicia as dictated by the sponsoring authority's distribution method. Any winning player would be awarded a valuable prize. This primary lottery would be supplemented

by the random selection of at least one secondary prize recipient from a selected group." at col 2 line 35-50.

Casa then explains the secondary winner (ie enhancing public recognition of lottery to benefit
recipients such as schools) as follows: "The random selection of a secondary recipient may or
may not be dictated by the winning series of player indicia. A random selection of the secondary
recipient (i.e. a school) may be accomplished in any of several ways such as by compiling a list of
eligible schools, assigning each school a scholastic series of indicia, revealing a winning series of
scholastic indicia, and determining whether any school is a winning school by comparing the
scholastic series of indicia with the winning series of scholastic indicia for sufficient matching.

One may surmise that the winning series of scholastic indicia need not be distinct from the
winning series of player indicia." at col 2 line 64 to col 3 line 10. To ensure equity, each school is
then removed after each winning to satisfy all.

- As for the Understein's Patent, the examiner has clearly misread the functionality and nowhere does it described it as a deposit auction (ie offering deposits). This application and its parent are concerned with depositors as in deposits placed in a financial institution (intermediary) and such deposit is not well known to be for buying items in an auction. See background of parent application S/N 09/534233 which has been allowed. The only difference between the parent and this application is where instead of seeking bids from financial institutions, in this claimed invention the auction is receiving bids from members in a trusted network and the auction is repeated until all members had the opportunity to be a winner. It is only the last two features which are pertinent in this application as far as the independent claims are concerned.
- 25 Understein teaches placing funds in a deposit account (intermediary) in order for bidder to bid in an auction (having the funds in a deposit account qualifies the bidder) and said deposit account is

used to pay for the item bidded if bidder is successful. This does not teach where deposit itself being offered for bidding and where the winner with the highest discount rate will get to use the deposits as per this claimed invention or its parent. Understein clearly described in its abstract "A system and method for qualifying a bidder over a global network for an auction helps to significantly reduce or climinate commerce fraud. An auction site, for example, enlists the system to maintain bidder funding accounts for prospective bidders. When a bid is placed, the funds are reserved in the bidder's bidder funding account including funds for a deposit if required. In the event that a bidder is not the high bidder, the reserved funds are released. At completion of the auction, the funds may be transferred from the winning bidder's bidder funding account to the seller, and the bid holds are released. A balance in the bidder funding account can be established according to funds deposited in the account in an interest-bearing account or via a line of credit issued from a bank card issuing company or the like." (underlined mine).

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It is clear from Understein (see underlined), it requires deposit to be held in reserved when a bid is placed BUT in this claimed invention there is no such requirement. The first round of auction merely requires bids in the form of a discount from principal or discounted principal (which clearly reflects its financial nature). Say the bids are 10,20,15 then discounted principal is merely 90,80,85 (ie assuming principal is 100). It is only when the winner is selected (ie 20-highest) then the deposit equivalent to the winner's bid is pooled for the winner which is 80 (discounted principal). The highest discount is only possible by the auction mode (discovery) rather than by chance or random as in Casa. The claimed invention requires winner (also a member of depositors) need not placed any deposit to bid is clear and instead he receives the pooled discounted principal.

25 Furthermore, it is unknown in the art of lottery to find it necessary to ask lottery buyer to place a deposit? There is no problem at all for buyers of lottery tickets (which is not by auction) to merely

pays for it on the spot. The examiner states that Understein requires deposit accounts from its bidders BUT that is because at the time of bidding, no winner is known as yet then as a security measure to qualify the bids to have the deposit placed. Unlike lottery, there is no such issue since a buyer buys lottery on the spot as versus having to wait for an auction to complete and hence there is no necessity to deposit and hence no reason to combine with Understein. Furthermore, the examiner did not explain how a random/chance selection in Casa is capable of combining with an auction's need for securing payment later. If the random/chance selection in Casa is to be replaced by auction which is unstated by the examiner must also provide a reason. Unless the examiner articulate a reason for lottery ticket buyers bidding by auction means, then the need to secure deposit just to purchase a lottery ticket does not make sense at all. The deposit account in Understein serves a different purpose which is to eliminate commerce fraud where the winner bidder provides no funds to buy the item at close of auction, a problem not found in the purchase of lottery tickets.

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- 15 Understein also does not teach those depositors offering their funds for a high rate (interest) to lend their funds to the winner which is really the subject matter of this claimed invention.
  Therefore, Understein is not relevant at all as a 'deposit auction' and therefore its combination with Casa will not result in this claimed invention.
- The examiner also gave the apparent reason "..providing a secure way of extending credit to participants while assuring payment" (col 1 lines 38-44 of Understein) For completeness, the applicant prefers to cite the whole paragraph (col 1 lines 38-52) and it reads "The system according to the present invention enables an auction company to provide a secure way of preventing fraudulent bidding and preventing participation by bidders that fail to settle after winning an auction. The system is preferably an Internet web site that serves to electronically transact the acceptance and verification of deposits from multiple auctions or transactions and

participants simultaneously. The system provides an easy to use and efficient method for minimizing fraudulent bidding in multiple auctions simultaneously while being capable of providing insured (such as FDIC) <u>interest bearing deposits held for bidders</u>. The system incorporates a secure web site capable of communicating with numerous auction entities and tracking multiple deposit accounts for participants in a commerce environment simultaneously." (underlined mine)

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It is clear from the above, while Understien suggest insured FDIC interest bearing deposits. All it teach is that FDIC interest bearing deposits are held for bidders, presumably at the financial institution itself for the bidders (ie principal plus interest). However in this claimed invention, the deposits are not placed with FDIC accounts but instead are pooled and placed with the winner after deducting the winner's discount bid. The winner merely receives the discounted principal (ie without interest). Furthermore, Understein's teaching only shows the deposit earning interest for the bidders and it is customary in a normal type of auction where there is only ONE winner to pay to seller (using said deposit less interest) as contrast to all losers to pay the discounted principal to the winner in this claimed invention. The crux here shows the difference between ordinary auction like in chay as compared to deposit auction where the deposit is not for purchase of any goods and is returned in the next period. How this one auction winner paying to seller in Understein is reconcilable with Lottery scheme (in Casa) where buyers purchasing lottery tickets are deemed to pool the funds but only lesser amount is given to the winner is unstated by the examiner. For example, the total pooled funds in a lottery would not necessarily be summed for the winner otherwise it defeats the purpose of lottery which ultimately donates the winnings to charity and not to a single winner.

As mentioned this 'deposit requirement' is out of step with the needs of buying a lottery since such purchase is done on the spot (without auction). And it is clear the seller which ultimately Application number: 10/614,919 Art Unit: 3692

Applicant: Khai Hee Kwan Examiner: Chuks Onyezia, Esq.

Title: System and method for conducting an electronic financial asset deposit auction over computer network

receives the money is NOT one of the participants (members of the auction) as claimed. In short, the seller does not bid for the deposits/his own item, he merely offers an item for sale as in an auction. When the seller is bidding for his own item, this is often known as a fraudulent bid to

boast the price hence to avoid this, deposits is needed to qualify this as genuine.

Therefore, for the reasons above both prior arts are not combinable and one skilled in the art would not see the combination is obvious. As a whole, there is nothing to suggest depositors offering their deposits (as a discounted principal) to members in a trusted network by auction to discover the best return rate amongst each member through repeated auctioning whereby the last winner is removed as claimed. Therefore respectfully, there is no basis at all for a 103(a) rejection

and the following claims ought to be allowed.

Claims 1,7,13,19

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15 The applicant has amended the above claims (by removing "-depositor") for clarity to remove the

USC 112 (para 2) issue. The applicant has also moved the element of anonymity to claims 4,10,16

to broaden the claims.

The applicant suspects the examiner consider selecting a winner to read into "lottery" ie random

selection which is untenable in view of the entire specification which teaches selecting the winner

by auction. (which is also claimed) The examiner had not explained how "lottery" is inherent in an

auction when both modes of selecting winners are obviously different. Without satisfactory

explanation, the applicant respectfully rejects this interpretation at page 3. This is also out of step

with the combining Understein which the examiner claims to provide "deposit auction" (page 4).

As it is clear Understein does not teach deposit auction as in this claimed invention and while it uses deposit as a way to improve payment in e-commerce auction, there is no apparent reason to combine with lottery in Casa. It is well known punters buy lottery on the spot without the need to bid as in auction for those lottery tickets due to the willingness of the seller (lottery vendors) to sell at a fixed price rather than a bided price. It is also common sense to see that if lottery vendors will sell lottery tickets by auction means, then their pooled funds will be greatly reduced (since only one winner will pay for the ticket) and its foolhardy to do so.

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10 As such, the previous submission dated 7 Nov 2007 whereby it has been shown Casa does not inherently shows this claimed invention is repeated below.

Claim's	Evidence by Examiner from Casa	Comments	
element			
receiving bid	Col 2, line 35-51. "With that in	There is no evidence to show how a lottery	
amount as a	mind, one might begin to carry out	is also inherently to an auction. An	
discount from	the present invention by accepting	inherency teaching must be necessarily	
principal or	a monetary wager from at least	present in the structure described in the	
discounted	one lottery player. Typically, a	applied reference (Casa) (See Continental	
principal from	portion of these wagers will be	Can co v Monsanto co., 948 F.2d 1264,	
members of a	contributed to a lottery fund from	1268 20 USPQ2d 1746, 1749 (Fed Cir	
trusted	which prizes may be awarded.	1991). The examiner must provide extrinsic	

network	Each wagering player would be	evidence, rather than opinion, that makes	
wherein said	secured a player series of indicia.	clear that "the missing descriptive matter is	
members are	In turn, each player series of	necessarily present in the thing described in	
depositors;	indicia would be compared to a	the reference, and that it would so	
	revealed winning series of player	recognised by persons of ordinary skill." In	
	indicia to determine whether any	re Robertson, 169 F.3d 743, 745, 49	
	wagering player is a winning	USPQ2d 1949, 1950-51 (Fed. Cir. 1999).	
	player. This determination would		
	be carried out by ascertaining	No Trusted Network in Casa.	
	whether there is a sufficient		
	number of matches between the	No depositor in Casa. Players in Casa could	
	player series of indicia and the	not be shown as depositor as depositor has	
	winning series of player indicia as	the right to call their deposits but not in a	
	dictated by the sponsoring	game of lottery.	
	authority's distribution method.		
	Any winning player would be	Casa also did not teach bids in the form of	
	awarded a valuable prize. This	discount from principal or discounted	
	primary lottery would be	principal. (antecedent in page 24 line 13-16,	
	supplemented by the random	ie IBM shares example)	
	selection of at least one secondary		
	prize recipient from a selected		
	group".		
	The examiner also asserts	The examiner failed to show how this is	
	"interprets participants of a	well known in the art for this interpretation	
	lottery as bidder of an auction".	to stand. The applicant submits this is	
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		fanciful as lottery is bought on the spot and	
		not by auction means.	
selecting a	Col 2, lines 44-51 'This	The selection method in Casa is clearly by	
winner from	determination would be carried	lottery means (chance) which is not	
said bids in	out by ascertaining whether there	inherently the same as selecting from bids	
said auction	is a sufficient number of matches	by auction (ie highest or lowest but not by	
submitted by	between the player series of	chance).	
said	indicia and the winning series of		
depositors;	player indicia as dictated by the	A lottery is a game of chance (random	
	sponsoring authority's distribution	selection) and hence selection is by	
	method. Any winning player	comparing number of matches between the	
	would be awarded a valuable	winning series and player's series. In col 2,	
	prize. This primary lottery would	line 58-60 "In preferred embodiments, the	
	be supplemented by the random	winning series of indicia will be determined	
	selection of at least one secondary	by a central, random drawing." It is	
	prize recipient from a selected	submitted that random drawing will not	
	group."	inherently show to one skilled in the art of	
		auction of selecting a winner from bids.	
		Casa also teach more than ONE winner (	
		col 6 line 60-61 and Col 6, line 67.) per	
		session which is not taught in this claimed	
		invention.	
1 . 12	C-14 I' 11 15 ''0' 11	T. J. 111	
excluding said winner from	Col 4, lines 11-15 "Since the	It should be recognized "winning entities"	

future auctions;	optimally-preferred embodiment of the invention contemplates each winning entity's being excluded from winning again until all eligibly entities have won, the system ensures that all eligible recipients will benefit."	here refers to schools or recipients which are not the players (wager). And because these recipients are NON–Wager (Col 7 line 10-40) and being passive participants they do not satisfy being bidders/depositors as asserted by the examiner.	
depositing pooled funds for said winner's account;	Col 2 lines 48-49 "Any winning player would be awarded a valuable prize. This primary lottery would be supplemented by the random selection of at least one secondary prize recipient from a selected group".	There is no suggestion that this valuable prize is pooled funds deposited by depositors (opposed to wager)? As mentioned the word "depositing" has special meaning within this application to mean a form of lending not wagering, see Application Page 5 line 4. Furthermore, random selection for a secondary prize is not auction either, as the recipients are not participants but passive receiver.	

repeating steps	Col 4 lines 11-15 "With a large,	It should be recognized winning entities	
A, B, C, D at	single-transaction cash award, a	here refers to schools or recipients which	
predetermined	recipient entity could undertake	are not wagers. This is not the same as	
intervals with	and fund significant projects.	saying allowing each player (wager) to win	
remaining	Since the optimally-preferred	and exclude said player until all remaining	
depositors;	embodiment of the invention	players also win. It is illogical for every	
	contemplates each winning	wagers to win in lottery. As mentioned,	
	entity's being excluded from	non-wager recipients are passive	
	winning again until all eligibly	participants for the prize only, they do not	
	entities have won, the system	bid which is required when said steps are	
	ensures that all eligible recipients	repeated. It is submitted the examiner had	
	will benefit."	mischaracterized Casa's teaching.	

It is noted that claim 7 has been amended to show using program codes instead of means plus functions. The applicant believes this merely reflects the current form and would not disturb the previous elements nor is it new matter.

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As can be seen above, it is clear except for "whereby funds comprising cash equivalent or cash" the other elements are not found in Casa. Respectfully, the applicant asked the examiner to allow this claims. The combination with Understein is also unsustainable for the reasons above as it merely teach bidders to create a deposit account so this can be securely use to pay the seller. It does not teach offering the deposits to winner who is also a bidding member of the trusted network. In contrast to normal auction, the seller who ultimately receives the funds is not a bidding member of said trusted network.

#### Claim 2,8,14

Using 2 as representative.

5 The examiner provided Casa Col 2 lines 35-51 as evidence to show these claims. The applicant respectfully disagrees. The claim requires the selected winner making a principal repayment in the NEXT interval following the winning interval. In short, this means the winner (wager in Casa) rather than recipient in Casa making a repayment which is unheard of in a lottery. What is the point of a lottery when the winner has to repay its principal in each interval? Casa also did not teach the recipient (See Schools example) having to repay its principal (albeit it did not even participate in the lottery as wager in the first place). Respectfully, the applicant asks the examiner to allow this claims.

### Claim 3,9,15

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Using 3 as representative.

The examiner provided Casa Col 2 lines 35-51 as evidence to show these claims. The examiner also states that "interprets the recouping of original investment as a discounted principal". In this respect, the applicant repeats the requirement of Continental Can co v Monsanto co., 948 F.2d 1264, 1268 20 USPQ2d 1746, 1749 (Fed Cir 1991). The examiner provided no reasoning for the above dubious interpretation which is unknown in the art of lottery. In this claim, the unselected depositors have to deposit the discounted principal as bided by each selected winner at each interval which is not found in Casa. How this is recouping original investment when they are paying out? Say the principal is 100 and the winner bided 30 (discount), each non-winners then give 70 to the winner. How is this "original investment"? The winner in the next round pays 100

to each member who had given him the 70 while the non-winners paid whatever is the discounted principal as per claim 3 etc. This is best explained by Box B in specification page 32.

# NetFlow Box B (Assuming principal is 1000)

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		1	2	3	4
	Cycle	May	Mary	Andrew	Tim
	1	2100	-700	-700	-700
	2	-1000	2400	-700	-700
10	3	-1000	-1000	2950	-950
	4	-1000	-1000	-1000	3000
	Net	-900	-300	550	650
	ROI	-30%	-10%	18.30%	21.67%

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In cycle 1, May is winner with highest bid of 300, so she collects 2100 and the others pay 700 each (1000-300). The payment of 700 each is this elements of this claim but how is this "original investment recoup"? At this stage, May has not even invested any money yet (no original investment to recoup). She merely promises to pay the principal in the each next cycles. In Cycle 2, the winner is Mary. But May has to pay 1000 now (the principal) as per claim 2, which means Mary collects 1000 (may) +700 (Tim) +700 (Andrew). In the third cycle having only Andrew and Tim bidding, Andrew bids 50 and Tim bids 10 so the winner with his bid 50, so he collects 2950 (950 from Tim and balance 1000 each from previous winners). In financial terms, we can interpret May receives \$2100 but she pays \$3000 which cost her \$900 while Tim receive \$2950 but he paid only \$2400 which means he made \$550 interest. In both cases there is no recouping of original investment amount because what is paid is NOT equal to what is received. The difference is either cost of using the funds or interest earned as represented by the ROL (negative means cost while positive means return)

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computer network

Claim 6.12.18.20

Using 6 as representative.

5 The examiner provided Col 4 line 11-14 "Since the optimally-preferred embodiment of the invention contemplates each winning entity's being excluded from winning again until all eligibly

entities have won, the system ensures that all eligible recipients will benefit."

fails to show this and these claims must be allowed.

As mentioned, the winning entity here refers to the recipient (non-wager - Col 7 line 11 in Casa) of the funds due for charity and not the lottery winners. If these are non-wagers then it fails to satisfy being bidders which forms the group to be selected. Even if this is wrong which is denied. these non-wagers do not bid which is required when the step E is repeated. Hence the evidence

Furthermore, there is no teaching in Casa which repeats until one depositor is left or the repeating 15 sessions could not be more than the number of players. It is also unknown in the art of lottery to be able to maintain/fix/limit the number of players (wagers) at the outset since the players will join and leave in a lottery (ie lottery players need not necessarily play all the games/cycles).

Claims 4,5,10,11,16,17

The examiner asked the applicant to show that these claims are patentable over a 103(a) rejection in view of Kou (US patent 6363365) and Understein.

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### Claim 4,10,16

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Using 4 as representative which states "whereby membership of a depositor network is by invitation only and <u>said members are anonymous."</u> (underlined means currently amended here).

The examiner asserts that Kou teaches biding by invitation and gave col 4 lines 34-51 as evidence. Kou teaches open network such as the Internet where it publishes its invitation electronically to bidders. It is submitted that publishing an invitation does not inherently reveals membership of a network is by invitation only and remembering the independent claims includes TRUSTED network. It is obvious invitation only does not sit well in a lottery based selection where invitee must be members. It is unknown for lottery to be based by membership and there is no apparent reason to so restrict. Furthermore, how do you invite members who are anonymous? Understein teaches placing/opening deposit accounts BUT not for these deposits to be offered as a loan to others (not known to place bids for the deposits) and neither can these members be anonymous and how do they become a member of a trusted network (as per independent claim 1,7,13,19). Understein merely states the deposit accounts aids the credibility of the bidder so he can use the deposits to pay for items he bought later to avoid fraud (avoid paying the winner who is not a member of these trusted network since said winner in Understein does not bid). Since the subject matter is different to deposit auction then even if both are combinable, they do not show the claimed invention as a whole.

The examiner asserts that the motivation is for the purpose of securing the auction network ( Kou Col 1 Line 5-8). On closer examination this "securing" is actually a reference to "locked box" for receipt of electronic bids (Kou Col 3 Line 55-60) which has nothing to do with the invitation at all (feature that is to be combined). Casa teaches lottery and not submitting a bid and begs the

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question whether there is a need for lottery numbers to be under "locked box" for security? As mentioned previously it is not inherent to read auction in the same light as lottery as both are not known to one skilled in the art to necessarily means the same. With hindsight, the examiner had

merely pick features which would not be obvious to combine given they do not related to secure

an auction network

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With respect, after KSR v Teleflex's decision, the standard is an apparent reason to combine. In arguendo, assuming this motivation is equivalent to "apparent reason" to combine, the examiner had also fail to show why is there a need to modify Casa to do so when there is not even a network in Casa for submitting bids, Critically, Casa teaches having as many wagers to participate which will be severely limited if each wager must be a member by invitation only. It is clear by invitation it must necessarily means knowing the party as membership requirements must be fulfilled and certainly by publishing an invitation on the network does not satisfy the elements to be a member

This is to say, one has to be a member first and such membership is by invitation as opposed to 15 invitation to bid. Whether a party could bid or not is dependent on its membership status which is secured only by an invitation. As for Understein, it uses the deposit to qualify the bidders and not to offer the deposits for highest return but there is still the missing trusted network not found in both prior arts, hence it is not combinable with Kou. Surely, the fact that Kou teach of invitation

as well (Kou merely suggest publishing its invitation to bid and not membership by invitation).

20 does also teach such invitation is aimed at a trusted network.

Therefore, it is clear a 103(a) rejection is unsustainable given as a whole it does not speak of an apparent reason and failed to show all the elements in view of the independent claims.

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computer network

Claims 5,11,17

Using 5 as representative.

Claim 5 reads: The method of claim 1 whereby said networks are linked for deposit auction by invitation from at least one member of one network having relationship with at least one member

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of a target network.

The examiner suggested that Kou teach the above limitation and provided Kou Col 4 lines 34-51. The examiner however did not provide any apparent reason to combine and Casa fails to show its members (lottery buyers) have to invite other members in a target network. The same is for Understein. Furthermore, Kou fails to teach one member of one network having relationship with another member of a target network so invitation could be send. Again, it is not inherent to show just because an invitation is send, it means the sender has a relationship with another member in target network (See example of spam). No apparent reason is given at all by the examiner as per KSR v Teleflex for a 103(a) rejection. Therefore, it is clear there is no prima facie hence the applicant respectfully asks the claims to be allowed.

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Respectfully,

25 Khai Kwan, Esq Customer Number 023336